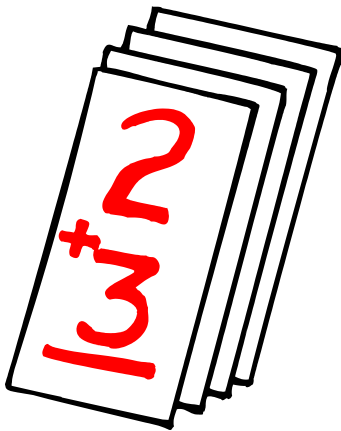
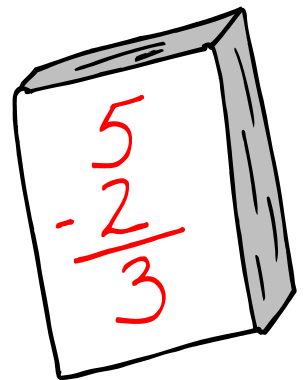


Addition & Subtraction Basic Facts Games Lapbook



This lapbook provides games for help in learning and retaining:

- * Addition Facts for 0 – 10
- * Subtraction Facts for 0 - 10



**Designed for K – 2nd Grade,
but would be a great review
for up to 5th Grade**

Designed by
Cyndi Kinney
of Knowledge Box Central



Addition & Subtraction Basic Facts Games Lapbook

Copyright © 2010 Knowledge Box Central

www.KnowledgeBoxCentral.com

ISBN #

Ebook: 978-1-61625-353-0

CD: 978-1-61625-354-7

Printed: 978-1-61625-355-4

Assembled: 978-1-61625-356-1



Publisher: Knowledge Box Central

Http://www.knowledgeboxcentral.com

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form by any means, electronic, mechanical, photocopy, recording or otherwise, without the prior permission of the publisher, except as provided by USA copyright law.

The purchaser of the eBook or CD is licensed to copy this information for use with the immediate family members only. If you are interested in copying for a larger group, please contact the publisher.

Pre-printed format is not to be copied and is consumable. It is designed for one student only.

All information and graphics within this product are originals or have been used with permission from its owners, and credit has been given when appropriate. These include, but are not limited to the following: www.iclipart.com and Art Explosion Clipart.

This book is dedicated to my amazing family. Thank you to my wonderful husband, Scott, who ate a lot of leftovers, listened to a lot of whining (from me!), and sent lots of positive energy my way. Thank you to my daughter, Shelby, who truly inspired me through her love for learning. Thank you to my parents, Judy and Billy Trout, who taught me to trust in my abilities and to never give up.

Addition & Subtraction
Basic Facts
Games Lapbook
Table of Contents

Teacher's Guide.....Pg. 4-10

Intro.....Pg. 4-6

Facts Charts.....Pg. 7

Games Information.....Pg. 8

Additional Activity Suggestions Pg. 9-10

Student's Instructions.....Pg. 11-19

Lapbook Base Assembly.....Pg. 11

Pictures.....Pg. 12

Lapbook Layout.....Pg. 13

Booklet Assembly.....Pg. 14-19

Booklet Templates.....Pg. 20-58

Addition & Subtraction
Basic Facts
Games Lapbook
Teacher's Guide

Teaching the basic addition and subtraction facts is VERY important. However, it isn't as easy as it seems like it should be.

This Lapbook consists of many games for “drilling” the math facts; however, in order for them to work they require repetition. Have your students play these games over and over in order to REALLY see results. Encourage your students to play the games with siblings, parents, friends, etc.

How do I get started?

First you will want to gather your supplies. Depending on which format you purchased from us, you will need different supplies. Take what applies, and skip over the rest.

*** Printing:

*Print instructions and study guide on white copy paper.



*Print the booklet templates on 24# colored paper or 110# cardstock. For some booklets, we have suggested specific colors or cardstock. You may choose to use those suggested colors, or you may choose to print on any color that you like.



*** Assembly:

***Folders:** We use colored file folders, which can be found at Walmart, Sam's, Office Depot, Costco, etc. You will need between 1 and 4 file folders, depending on which product you have purchased. You may use manila folders if you prefer, but we have found that children respond better with the brightly colored folders. Don't worry about the tabs....they aren't important. If you prefer, you can purchase the assembled lapbook bases from our website.



***Glue:** For the folder assembly, we use hot glue. For booklet assembly we use glue sticks and sometimes hot glue, depending on the specific booklet. We have found that bottle glue stays wet for too long, so it's not a great choice for lapbooking.



***Other Supplies:** Of course, you will need scissors. Many booklets require additional supplies. Some of these include metal brad fasteners, paper clips, ribbon, yarn, staples, hole puncher, etc. You may want to add decorations of your own, including stickers, buttons, coloring pages, cut-out clipart, etc. The most important thing is to use your imagination! Make it your own!!




Ok. I've gathered the supplies. Now how do I use this product?

Inside you will find several sections. They are as follows:

1. **Teacher's Guide:** This section includes information about the games in this lapbook, as well as how to teach them. These games will be used for review and memorization, and it is my opinion that the BEST way to learn the basic math facts is through repetition. You will see explanations of each game that your student is to make for his lapbook. This section is a great resource for the parent/teacher because it also provides extra activities that you may choose to do in order to reinforce the topic. Don't feel that you MUST do EVERYTHING that is listed. Pick and choose what works best for your student.

Activities that are JUST suggestions, from which you may choose what works best for your student, are marked with a circle like this: ○

Booklets and games for your lapbook are marked with a folder shape like this: 

If you are a "box checker," like me, you can check inside the circle or folder when you have completed that activity.

2. **Student Instructions:** This section is written directly to the student in language that he or she can understand. However, depending on the age of the child there may be some parent/teacher assistance needed. These instructions will tell the student exactly how to assemble the lapbook base and how to cut out and assemble each booklet or game. Here, they will find a layout of where each booklet or game should be placed in the lapbook and pictures of a completed lapbook.

Remember – the *Student Instructions* are written directly to the student....but YOU will probably need to assist. The assembly instructions are NOT repeated within the Teacher's Guide.

3. **Templates:** This section includes all of the templates to make the booklets and games for the lapbook. Within the Student Instructions the student is told on what page to find each template.

Basic Addition & Subtraction Facts – Lapbook Games

Your math curriculum should introduce your student to the basic addition and subtraction facts. However, repetition is the key to TRULY retaining the information and being able to recall it quickly.

Addition Chart				
1 + 1 = 2	2 + 1 = 3	3 + 1 = 4	4 + 1 = 5	5 + 1 = 6
1 + 2 = 3	2 + 2 = 4	3 + 2 = 5	4 + 2 = 6	5 + 2 = 7
1 + 3 = 4	2 + 3 = 5	3 + 3 = 6	4 + 3 = 7	5 + 3 = 8
1 + 4 = 5	2 + 4 = 6	3 + 4 = 7	4 + 4 = 8	5 + 4 = 9
1 + 5 = 6	2 + 5 = 7	3 + 5 = 8	4 + 5 = 9	5 + 5 = 10
1 + 6 = 7	2 + 6 = 8	3 + 6 = 9	4 + 6 = 10	5 + 6 = 11
1 + 7 = 8	2 + 7 = 9	3 + 7 = 10	4 + 7 = 11	5 + 7 = 12
1 + 8 = 9	2 + 8 = 10	3 + 8 = 11	4 + 8 = 12	5 + 8 = 13
1 + 9 = 10	2 + 9 = 11	3 + 9 = 12	4 + 9 = 13	5 + 9 = 14
1 + 10 = 11	2 + 10 = 12	3 + 10 = 13	4 + 10 = 14	5 + 10 = 15
6 + 1 = 7	7 + 1 = 8	8 + 1 = 9	9 + 1 = 10	10 + 1 = 11
6 + 2 = 8	7 + 2 = 9	8 + 2 = 10	9 + 2 = 11	10 + 2 = 12
6 + 3 = 9	7 + 3 = 10	8 + 3 = 11	9 + 3 = 12	10 + 3 = 13
6 + 4 = 10	7 + 4 = 11	8 + 4 = 12	9 + 4 = 13	10 + 4 = 14
6 + 5 = 11	7 + 5 = 12	8 + 5 = 13	9 + 5 = 14	10 + 5 = 15
6 + 6 = 12	7 + 6 = 13	8 + 6 = 14	9 + 6 = 15	10 + 6 = 16
6 + 7 = 13	7 + 7 = 14	8 + 7 = 15	9 + 7 = 16	10 + 7 = 17
6 + 8 = 14	7 + 8 = 15	8 + 8 = 16	9 + 8 = 17	10 + 8 = 18
6 + 9 = 15	7 + 9 = 16	8 + 9 = 17	9 + 9 = 18	10 + 9 = 19
6 + 10 = 16	7 + 10 = 17	8 + 10 = 18	9 + 10 = 19	10 + 10 = 20

Subtraction Chart				
1 - 1 = 0	2 - 2 = 0	3 - 3 = 0	4 - 4 = 0	5 - 5 = 0
2 - 1 = 1	3 - 2 = 1	4 - 3 = 1	5 - 4 = 1	6 - 5 = 1
3 - 1 = 2	4 - 2 = 2	5 - 3 = 2	6 - 4 = 2	7 - 5 = 2
4 - 1 = 3	5 - 2 = 3	6 - 3 = 3	7 - 4 = 3	8 - 5 = 3
5 - 1 = 4	6 - 2 = 4	7 - 3 = 4	8 - 4 = 4	9 - 5 = 4
6 - 1 = 5	7 - 2 = 5	8 - 3 = 5	9 - 4 = 5	10 - 5 = 5
7 - 1 = 6	8 - 2 = 6	9 - 3 = 6	10 - 4 = 6	11 - 5 = 6
8 - 1 = 7	9 - 2 = 7	10 - 3 = 7	11 - 4 = 7	12 - 5 = 7
9 - 1 = 8	10 - 2 = 8	11 - 3 = 8	12 - 4 = 8	13 - 5 = 8
10 - 1 = 9	11 - 2 = 9	12 - 3 = 9	13 - 4 = 9	14 - 5 = 9
6 - 6 = 0	7 - 7 = 0	8 - 8 = 0	9 - 9 = 0	10 - 10 = 0
7 - 6 = 1	8 - 7 = 1	9 - 8 = 1	10 - 9 = 1	11 - 10 = 1
8 - 6 = 2	9 - 7 = 2	10 - 8 = 2	11 - 9 = 2	12 - 10 = 2
9 - 6 = 3	10 - 7 = 3	11 - 8 = 3	12 - 9 = 3	13 - 10 = 3
10 - 6 = 4	11 - 7 = 4	12 - 8 = 4	13 - 9 = 4	14 - 10 = 4
11 - 6 = 5	12 - 7 = 5	13 - 8 = 5	14 - 9 = 5	15 - 10 = 5
12 - 6 = 6	13 - 7 = 6	14 - 8 = 6	15 - 9 = 6	16 - 10 = 6
13 - 6 = 7	14 - 7 = 7	15 - 8 = 7	16 - 9 = 7	17 - 10 = 7
14 - 6 = 8	15 - 7 = 8	16 - 8 = 8	17 - 9 = 8	18 - 10 = 8
15 - 6 = 9	16 - 7 = 9	17 - 8 = 9	18 - 9 = 9	19 - 10 = 9



LAPBOOK Game #1: “Addition Bingo” - Everyone enjoys Bingo! Use this classic game to help your student to work on his or her addition facts. Once your student has cut out and assembled all of the pieces of this game, you will need to be the “Caller.” Encourage your student to play this game OVER and OVER and with many different people. Remember, repetition is the key. There are 2 Bingo Cards for the 0 – 5 facts and 2 Bingo Cards for the 6 – 10 facts. There are also Bingo Question Cards for each set of facts. Make sure that you are using the correct cards with their corresponding question cards. There are also 2 blank cards in case you want to make additional cards for extra players. Be encouraging to your student!



LAPBOOK Game #2: “Addition & Subtraction Blackout Games” - This is a fun game that is played with dice. Again, encourage your child to play this game over and over with many different people. You can print extra cards if needed. There are 2 cards for the Addition Blackout Game and 2 cards for the Subtraction Blackout Game. All instructions for the game are included within the templates for this game.



LAPBOOK Game #3: “Color By Number – Subtraction Butterfly” - This is a fun way for your student to practice his or her subtraction skills. He will color each part of the butterfly after solving the subtraction problems. There is a color key within the template.



LAPBOOK Game #4: “Subtraction Action Game” - This is a very colorful game for helping your student to remember and retain the subtraction facts. You (or someone else) will need to serve as the “judge” or “facilitator” and make sure that each player’s answers are correct. All instructions for the game are included within the booklet that goes along with this game. (NOTE: There are 2 additional “Color By Number” pictures that may be completed and glued to the outside of the lapbook for decorating.)

Additional Addition & Subtraction Activity Suggestions

The following lists many more suggestions for activities that will help your student to retain addition and subtraction basic facts. Remember: REPETITION is the KEY! Use as many types of activities as possible, and use them OVER and OVER and OVER. When your student gets bored with one, switch to another, and then another, and then another. DO NOT move on to more difficult addition or subtraction UNTIL your child is able to solve basic addition and subtraction facts within seconds.



ACTIVITY SUGGESTION: Remember that we also have OTHER Math-related Lapbooks on our site! Check those out as well!!!
<http://www.knowledgeboxcentral.com>

Online Games



ACTIVITY SUGGESTION: Fun Brain is a GREAT site with LOTS of fun educational games. There are a lot of math games here.
<http://www.funbrain.com>



ACTIVITY SUGGESTION: This site includes MANY different math games that can be played online: <http://www.playkidsgames.com/mathGames.htm>



ACTIVITY SUGGESTION: This site includes a few online math games based on grade level: http://www.eduplace.com/kids/mw/egames/ega_1.html

Printable Games or Worksheets



ACTIVITY SUGGESTION: This website offers a variety of addition and subtraction printable worksheets with very fun themes:
<http://www.kidzone.ws/MATH/grade1.htm>



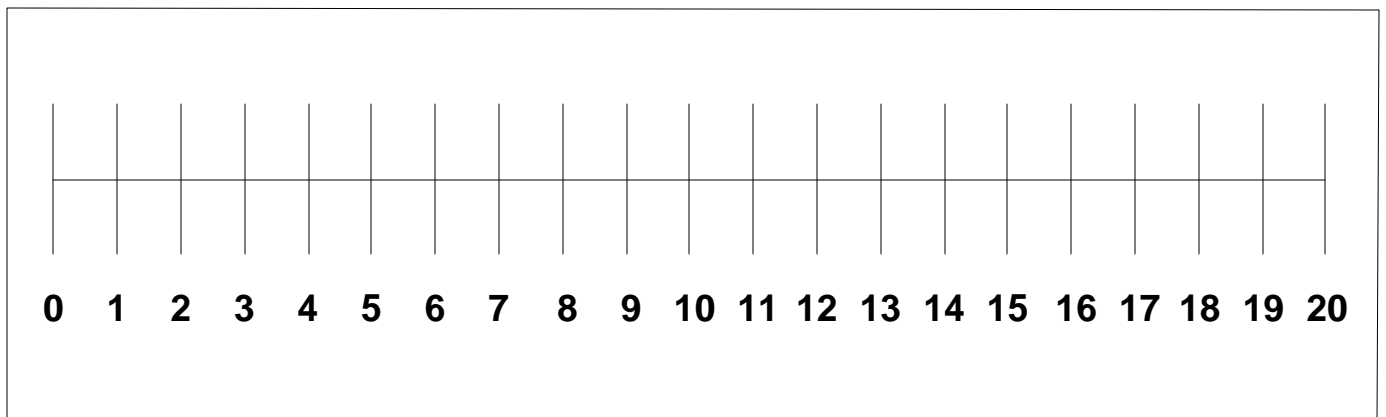
ACTIVITY SUGGESTION: This is a great way to learn the “fact families.” Math Triangles are easy to make and fun to use. See this website for details:
<http://www.freeholdtwp.k12.nj.us/gassner/factpower/facttriangles.htm>



ACTIVITY SUGGESTION: Lots of free worksheets for addition and subtraction:
http://www.homeschoolmath.net/worksheets/grade_1.php

Other Activities/Teaching Suggestions

- ACTIVITY SUGGESTION:** This is a site with suggestions for using timed drills. You may or may not want to use these, but this is one blogger's opinion:
http://teachersmentor.com/math/speed_tests.html
- ACTIVITY SUGGESTION:** This site includes lots of tips and activity suggestions for teaching addition: http://www.busyteacherscafe.com/themes/add_sub_unit.html
- ACTIVITY SUGGESTION:** This is a cute addition song. You can play the song online for free: <http://teacher.scholastic.com/max/castle/index.htm>
- ACTIVITY SUGGESTION:** This is a cute subtraction song. You can play the song online for free: <http://teacher.scholastic.com/max/dance/index.htm>
- ACTIVITY SUGGESTION:** Some find it easier to teach addition and subtraction with a **NUMBER LINE**. There is one below that you may choose to use with your student. You may print as many as you need.



Addition & Subtraction
Basic Facts
Games Lapbook
Student Instruction Guide

Lapbook Base Assembly:

First you will need to assemble the "Lapbook Base" for your project. This is not such an easy task, so you will want to ask for some assistance with this part. Also, you should NEVER use hot glue alone.

For this lapbook you will need 2 file folders. Open each file folder and lay it flat in front of you. Fold both sides of each folder toward the middle. The edges (or tabs) of the folded sides should touch the center original fold line on the folders. See **Figure 1** below.

Do this to both file folders, and then you will need to connect them together. This is how to connect them. Lay both file folders out in front of you after you have folded them all to look like **Figure 1**. Now glue the smaller "flaps" of each folder to those of the next folder as in **Figure 2** below. The picture below shows 3, just so that you can see that more folders can be added.

Figure 1

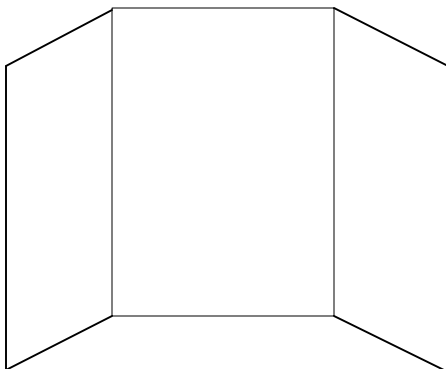
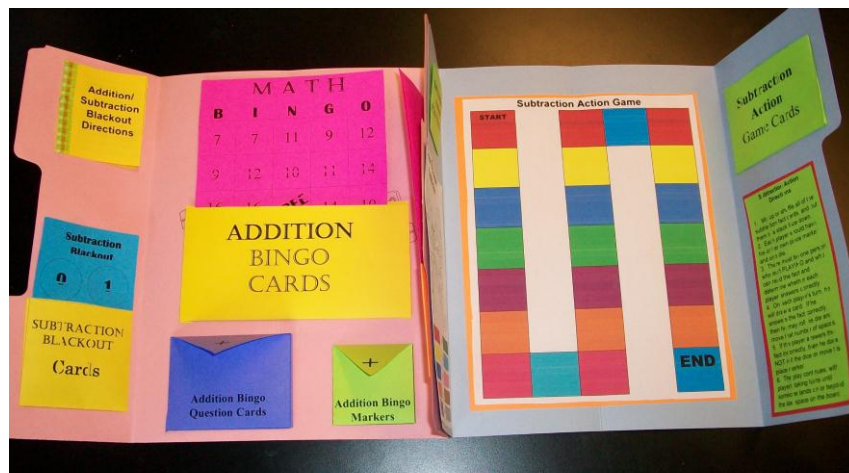


Figure 2

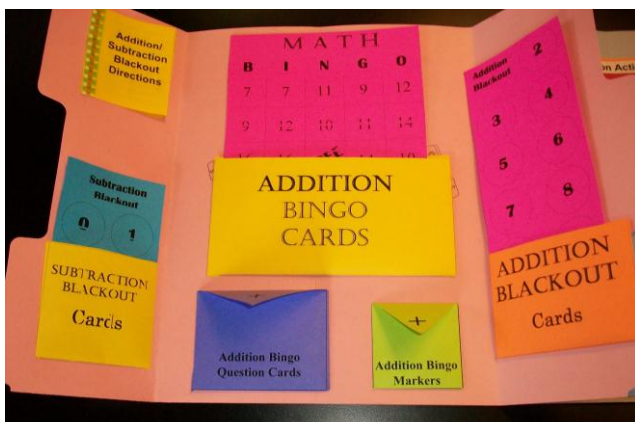


Addition & Subtraction Basic Facts Games Lapbook Student Instruction Guide

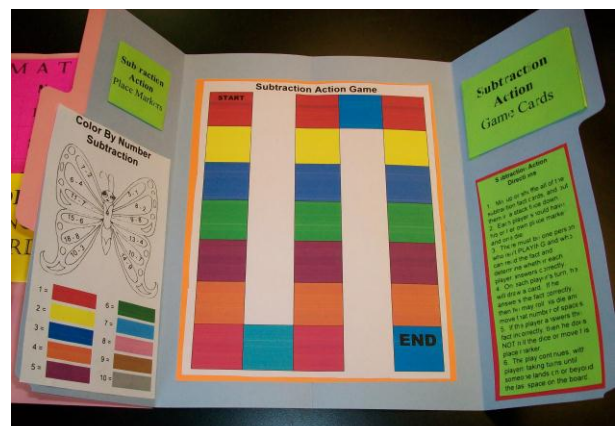
Below you will find pictures of how the lapbook should look when you have completely assembled it.



Completed Lapbook



Folder 1



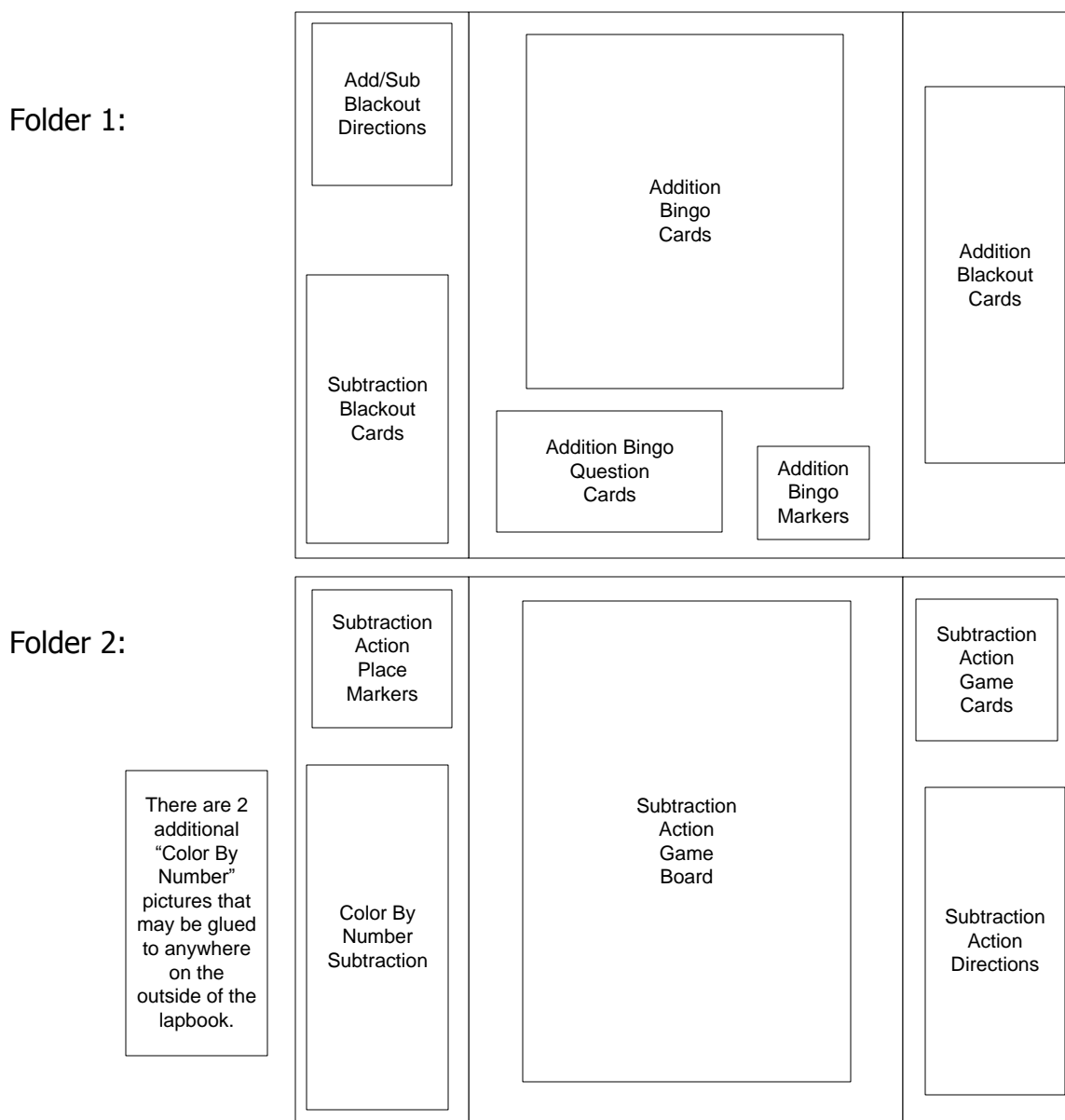
Folder 2

Addition & Subtraction Basic Facts Games Lapbook

Student Instruction Guide

Lapbook Layout:

Below you will see a layout for this lapbok. You may choose to glue the booklets into your Lapbook Base in any order that you like. However, you may have trouble fitting all of them in unless you follow the layout below. Some of the shapes aren't exactly the same on the layout as the booklets themselves.



Addition & Subtraction
Basic Facts
Games Lapbook
Student Instruction Guide

Below you will find instructions about how to cut out, assemble, and play each game. **IMPORTANT:** Each template page is labeled with the Game # to which it corresponds, which should help you to keep them all together. You will need to depend on your teacher/parent to explain the rules for most games.

Game #1

***Game Title:** “Addition Bingo”

***Student Instructions:** I’m sure that you have played BINGO before BUT, this is a NEW way to play. There are actually 2 different BINGO games in this lapbook. One is for the addition facts from 1 to 5, and the other is for addition facts from 6 to 10. Your teacher/parent will have instructions on how to play. Play over and over with lots of different friends and family members so that you can memorize all of these important math facts.

***Templates are on pages 20 - 40**

****Assembly Instructions:** There are a LOT of pages to cut out for this game. Here are the details:

++ Addition Bingo Cards for facts 1 – 5

These are on pages 20 - 21 . Cut out along the outer black line edges of each game card.

++ Addition Bingo Cards for facts 6 – 10

These are on pages 22 - 23 . Cut out along the outer black line edges of each game card.

++ Addition Bingo Cards - Extra blank cards

These are on pages 24 - 26. Cut out along the outer black line edges of each game card.

Remember that you can print extra game cards for more players. Also, you may choose to use these templates to make other games.

Make math FUN with games. Your teacher/parent also has in her section some links to some really FUN websites where you can play other math games!

M A T H

B I N G O

7	4	7	4	6
4	12	10	10	12
5	9	FREE	9	8
2	7	6	9	15
9	2	13	6	5
Addition 1's-5's				

Game 1

MATH				
B	I	N	G	O
1	3	8	4	6
4	12	10	11	5
6	4	FREE	14	7
7	7	3	9	15
9	11	13	5	8
Addition 1's-5's				

Game 1

MATH				
B	I	N	G	O
7	7	11	9	12
9	12	10	11	14
16	16	FREE	14	10
12	10	13	17	15
11	11	17	15	20
Addition 6's - 10's				

Game 1

MATH				
B	I	N	G	O
7	11	8	10	17
10	9	10	11	14
16	16	FREE	9	11
8	7	11	16	15
11	17	13	15	19
Addition 6's - 10's				

Game 1

MATH

B I N G O

		FREE		

Game 1

M A T H

B I N G O

		FREE		

Game 1

M A T H

B I N G O

		FREE		

Game 1

Game 1

B

$$\mathbf{1 + 0}$$

B
 $\mathbf{1 + 1}$

B
 $\mathbf{1 + 2}$

B
 $\mathbf{1 + 3}$

B
 $\mathbf{1 + 4}$

B
 $\mathbf{1 + 5}$

B
 $\mathbf{1 + 6}$

B
 $\mathbf{1 + 7}$

B
 $\mathbf{1 + 8}$

B
 $\mathbf{1 + 9}$

B
 $\mathbf{1 + 10}$

I
 $\mathbf{2 + 0}$

I
 $\mathbf{2 + 1}$

Game 1

$$\begin{array}{c} \mathbf{I} \\ \mathbf{2 + 2} \end{array}$$

$$\begin{array}{c} \mathbf{I} \\ \mathbf{2 + 3} \end{array}$$

$$\begin{array}{c} \mathbf{I} \\ \mathbf{2 + 4} \end{array}$$

$$\begin{array}{c} \mathbf{I} \\ \mathbf{2 + 5} \end{array}$$

$$\begin{array}{c} \mathbf{I} \\ \mathbf{2 + 6} \end{array}$$

$$\begin{array}{c} \mathbf{I} \\ \mathbf{2 + 7} \end{array}$$

$$\begin{array}{c} \mathbf{I} \\ \mathbf{2 + 8} \end{array}$$

$$\begin{array}{c} \mathbf{I} \\ \mathbf{2 + 9} \end{array}$$

$$\begin{array}{c} \mathbf{I} \\ \mathbf{2 + 10} \end{array}$$

$$\begin{array}{c} \mathbf{N} \\ \mathbf{3 + 0} \end{array}$$

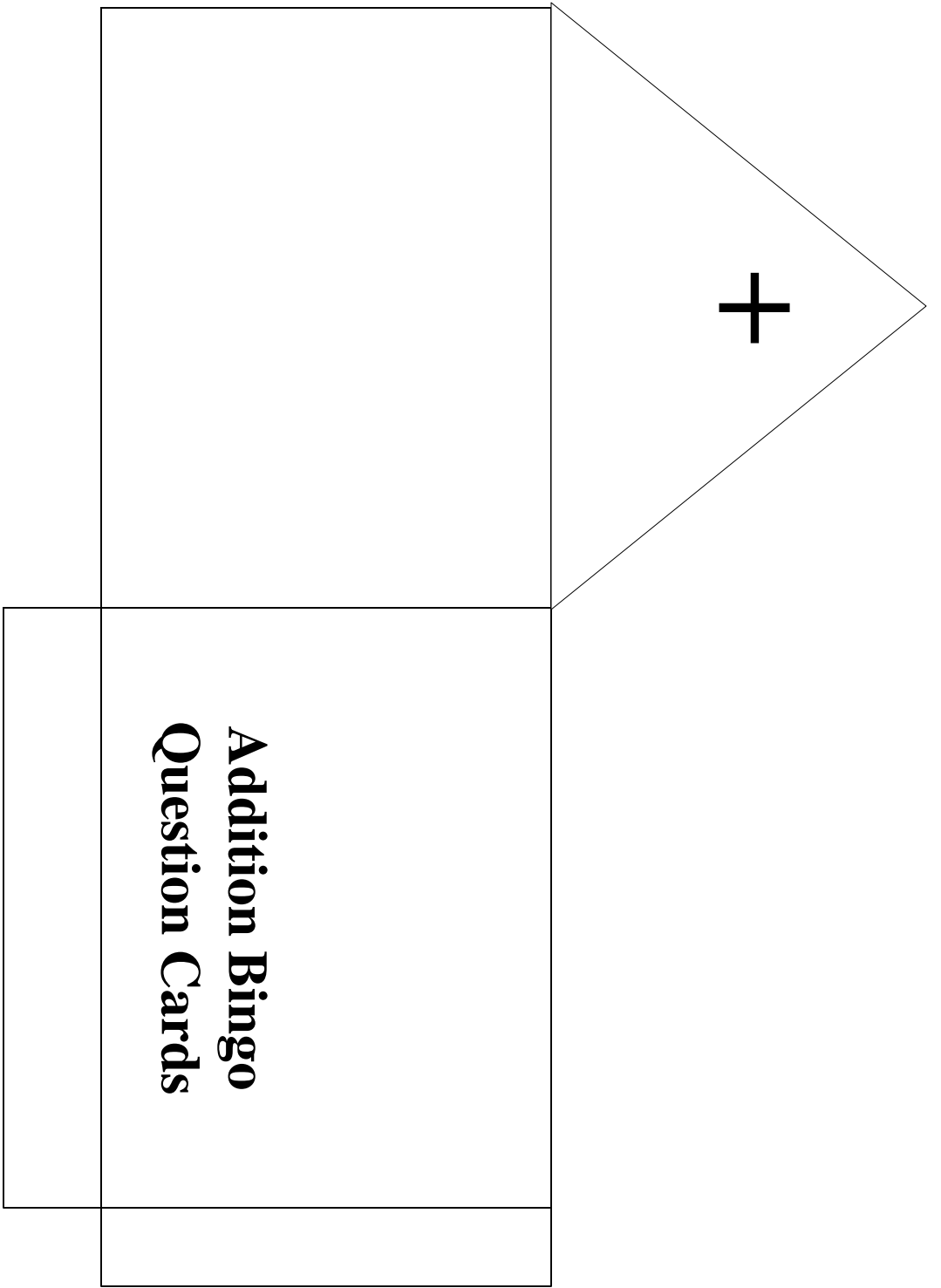
$$\begin{array}{c} \mathbf{N} \\ \mathbf{3 + 1} \end{array}$$

$$\begin{array}{c} \mathbf{N} \\ \mathbf{3 + 2} \end{array}$$

$$\begin{array}{c} \mathbf{N} \\ \mathbf{3 + 3} \end{array}$$

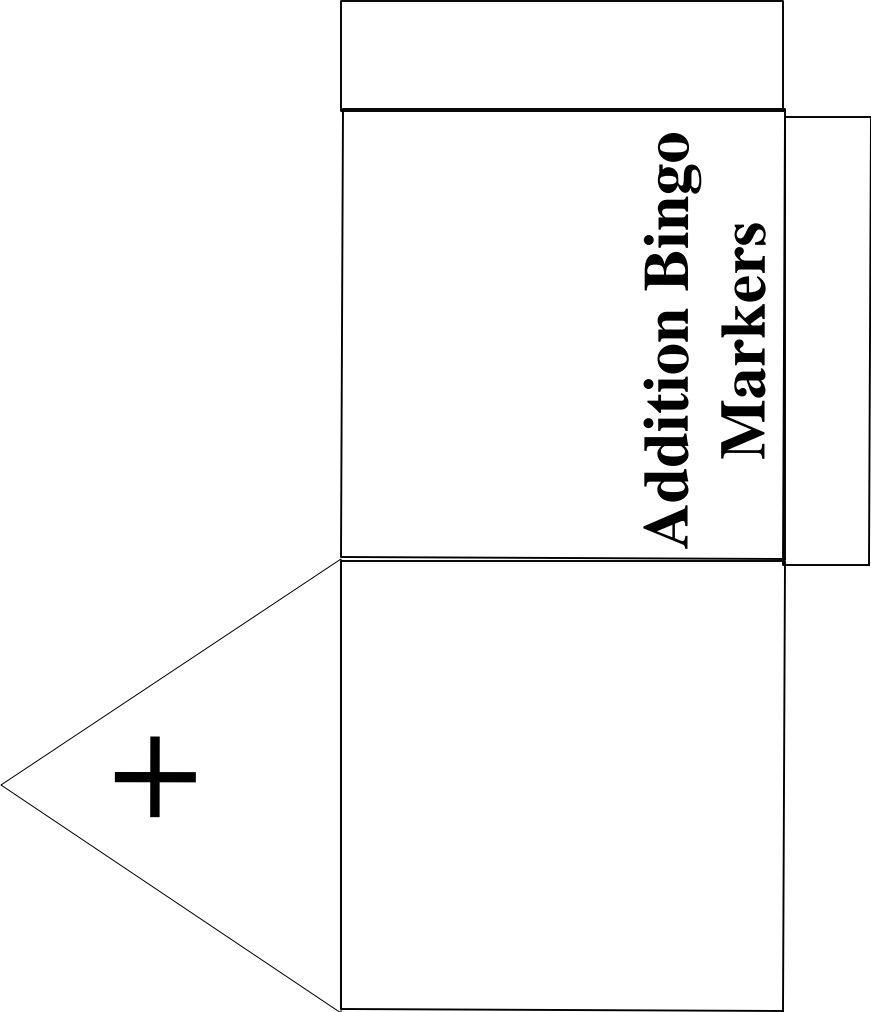
N 3 + 4	N 3 + 5
N 3 + 6	N 3 + 7
N 3 + 8	N 3 + 9
N 3 + 10	G 4 + 0
G 4 + 1	G 4 + 2
G 4 + 3	G 4 + 4

Game 1



Game 1

Game 1



ADDITION
BINGO
CARDS

Game 1